
NAC™
Joint Study Committee On The Electrification of Transportation
Presentation By Brad Skinner
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Georgia is laying the groundwork for leading the transportation industry.

- EV Production
- Battery Technology Production & Innovation
- Charging Infrastructure & Dedicated Lanes

All of these innovations enhance Economic Development, Environmental Stability, Roadway Safety, and Transition to < lower carbon footprint >.

“Lead, follow or get out of the way”

- Green jobs are the future
- Modern factories are the present and the future
- Public-Private Partnerships are channel for national policy and economic development

Fuel Cost Comparison Between Diesel and Electric Class 8 Tractors

Diesel	
Average Miles per Gallon	8.0
Average Gallons per Mile	0.125
Price per Gallon of Gasoline	$3.28*
Daily Range (mi)	200
Operational Days	250
Gallons Burned per Day	25
Cost of Fuel per Day	$82.00
Estimated Annual Fuel Cost	**$20,500**

* 2021 average weekly U.S. price per EIA

Electric	
Miles per Kilowatt Hour (kWh)	0.5
Kilowatt Hour per Mile	2.0
Price of Electricity per kWh	$0.112*
Daily Range (mi)	200
Operational Days	250
Electricity Consumed Per Day (kWh)	400
Cost of Electricity Per Day	$44.80
Estimated Annual Electricity Cost	**$11,200**

* 2021 average U.S. price of electricity – all sectors per EIA

Approximate Annual Fuel Savings per Vehicle:

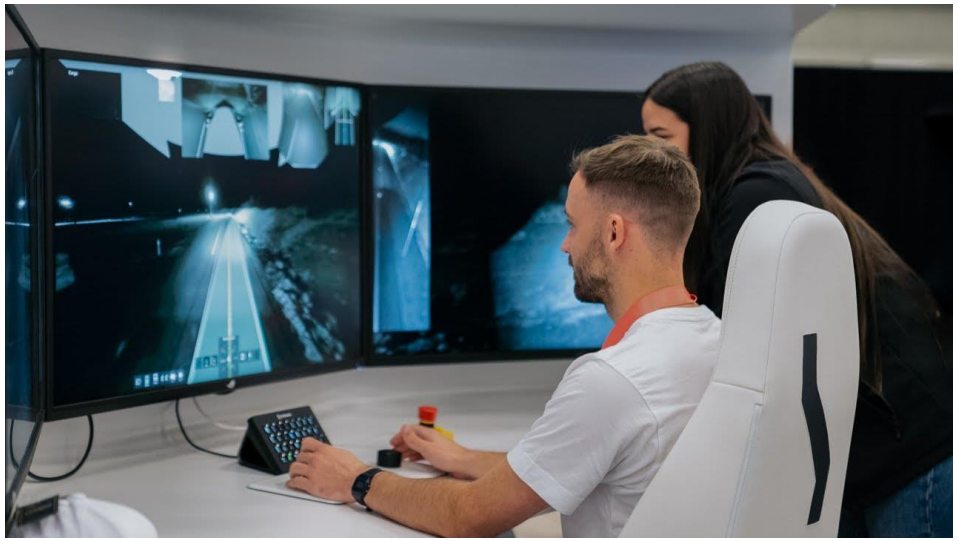
$9,300

NACFE
NORTH AMERICAN COUNCIL FOR FREIGHT EFFICIENCY

Freightliner eCascadia

Volvo VNR Electric

Einride Pod & Remote Driver at GE Appliances Kentucky



Outrider Automated Electric Yard Trucks

Wabtec Battery-Electric Locomotive

Georgia is Better Positioned than any other State.

➔ **Georgia understands that Green Jobs can further transform the quality of life in urban and rural areas of the State.**

Georgia’s Leadership will address and solve the challenges that these innovations bring.

Mobile Learning Lab Concept For Georgia

The Foundation is laid for innovations in product, workforce development, taxation alternatives, higher paying skilled jobs, and in producing a sustainable energy policy.